

Yegor S Vassetzky

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

145 papers	2,763 citations	32 h-index	46 g-index
152 ext. papers	3,219 ext. citations	6.2 avg, IF	4.99 L-index

#	Paper	IF	Citations
145	SETDB1 fuels the lung cancer phenotype by modulating epigenome, 3D genome organization and chromatin mechanical properties.. <i>Nucleic Acids Research</i> , 2022 ,	20.1	1
144	Molecular coevolution of nuclear and nucleolar localization signals inside basic domain of HIV-1 Tat. <i>Journal of Virology</i> , 2021 , JVI0150521	6.6	2
143	Control of DUX4 Expression in Facioscapulohumeral Muscular Dystrophy and Cancer. <i>Trends in Molecular Medicine</i> , 2021 , 27, 588-601	11.5	1
142	Analysis of genes regulated by DUX4 via oxidative stress reveals potential therapeutic targets for treatment of facioscapulohumeral dystrophy. <i>Redox Biology</i> , 2021 , 43, 102008	11.3	3
141	Order and stochasticity in the folding of individual Drosophila genomes. <i>Nature Communications</i> , 2021 , 12, 41	17.4	11
140	Modulation of mTORC1 Signaling Pathway by HIV-1. <i>Cells</i> , 2020 , 9,	7.9	9
139	Oncogenic Properties of the EBV ZEBRA Protein. <i>Cancers</i> , 2020 , 12,	6.6	9
138	DUX4, a Zygotic Genome Activator, Is Involved in Oncogenesis and Genetic Diseases. <i>Russian Journal of Developmental Biology</i> , 2020 , 51, 176-182	0.8	1
137	Live-Cell Imaging and Analysis of Nuclear Body Mobility. <i>Methods in Molecular Biology</i> , 2020 , 2175, 1-9	1.4	
136	Expression of SARS-CoV-2 entry factors in lung epithelial stem cells and its potential implications for COVID-19. <i>Scientific Reports</i> , 2020 , 10, 17772	4.9	27
135	Easy and robust electrotransfection protocol for efficient ectopic gene expression and genome editing in human B cells. <i>Gene Therapy</i> , 2020 ,	4	4
134	HIV-1, HAART and cancer: A complex relationship. <i>International Journal of Cancer</i> , 2020 , 146, 2666-2679	7.5	14
133	HIV-1 Tat protein induces aberrant activation of AICDA in human B-lymphocytes from peripheral blood. <i>Journal of Cellular Physiology</i> , 2019 , 234, 15678	7	12
132	Nucleolus: A Central Hub for Nuclear Functions. <i>Trends in Cell Biology</i> , 2019 , 29, 647-659	18.3	61
131	DUX4 Pathological Expression: Causes and Consequences in Cancer. <i>Trends in Cancer</i> , 2019 , 5, 268-271	12.5	9
130	Metal ions modify DNA-protecting and mutagen-scavenging capacities of the AV-153 1,4-dihydropyridine. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019 , 845, 403077	3	8
129	MUC1 Story: Great Expectations, Disappointments and the Renaissance. <i>Current Medicinal Chemistry</i> , 2019 , 26, 554-563	4.3	6

128	Tat basic domain: A "Swiss army knife" of HIV-1 Tat?. <i>Reviews in Medical Virology</i> , 2019 , 29, e2031	11.7	10
127	From an increase in the number of tandem repeats through the decrease of sialylation to the downregulation of MUC1 expression level. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 4472-4484	4.7	1
126	Role of the Nucleolus in Rearrangements of the IGH Locus. <i>Molecular Biology</i> , 2018 , 52, 182-189	1.2	0
125	Genetic and Epigenetic Mechanisms of β Globin Gene Switching. <i>Biochemistry (Moscow)</i> , 2018 , 83, 381-392.	2.9	10
124	Effect of Environmental Factors on Nuclear Organization and Transformation of Human B Lymphocytes. <i>Biochemistry (Moscow)</i> , 2018 , 83, 402-410	2.9	4
123	The role of Alu-derived RNAs in Alzheimer's and other neurodegenerative conditions. <i>Medical Hypotheses</i> , 2018 , 115, 29-34	3.8	8
122	Mobility of Nuclear Components and Genome Functioning. <i>Biochemistry (Moscow)</i> , 2018 , 83, 690-700	2.9	2
121	HIV-1 Tat protein induces DNA damage in human peripheral blood B-lymphocytes via mitochondrial ROS production. <i>Redox Biology</i> , 2018 , 15, 97-108	11.3	42
120	A Comparison of Techniques to Evaluate the Effectiveness of Genome Editing. <i>Trends in Biotechnology</i> , 2018 , 36, 147-159	15.1	25
119	Heterochromatin restricts the mobility of nuclear bodies. <i>Chromosoma</i> , 2018 , 127, 529-537	2.8	1
118	mTORC1 pathway in DNA damage response. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018 , 1865, 1293-1311	4.9	52
117	3D genomics imposes evolution of the domain model of eukaryotic genome organization. <i>Chromosoma</i> , 2017 , 126, 59-69	2.8	14
116	Dual Role of the Extracellular Domain of Human Mucin MUC1 in Metastasis. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 4002-4011	4.7	6
115	Control of DNA integrity in skeletal muscle under physiological and pathological conditions. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 3439-3449	10.3	6
114	HIV Tat induces a prolonged MYC relocalization next to IGH in circulating B-cells. <i>Leukemia</i> , 2017 , 31, 2515-2522	10.7	27
113	Evolution of the Genome 3D Organization: Comparison of Fused and Segregated Globin Gene Clusters. <i>Molecular Biology and Evolution</i> , 2017 , 34, 1492-1504	8.3	7
112	A One-Step PCR-Based Assay to Evaluate the Efficiency and Precision of Genomic DNA-Editing Tools. <i>Molecular Therapy - Methods and Clinical Development</i> , 2017 , 5, 43-50	6.4	9
111	The microRNA-205-5p is correlated to metastatic potential of 21T series: A breast cancer progression model. <i>PLoS ONE</i> , 2017 , 12, e0173756	3.7	11

110	The IGH locus relocates to a "recombination compartment" in the perinucleolar region of differentiating B-lymphocytes. <i>Oncotarget</i> , 2017 , 8, 40079-40089	3.3	6
109	RNA-dependent disassembly of nuclear bodies. <i>Journal of Cell Science</i> , 2016 , 129, 4509-4520	5.3	7
108	Distinct Patterns of Colocalization of the CCND1 and CMYC Genes With Their Potential Translocation Partner IGH at Successive Stages of B-Cell Differentiation. <i>Journal of Cellular Biochemistry</i> , 2016 , 117, 1506-10	4.7	8
107	Histone deacetylase inhibitor abexinostat affects chromatin organization and gene transcription in normal B cells and in mantle cell lymphoma. <i>Gene</i> , 2016 , 580, 134-143	3.8	5
106	Correction of the FSHD myoblast differentiation defect by fusion with healthy myoblasts. <i>Journal of Cellular Physiology</i> , 2016 , 231, 62-71	7	9
105	Facioscapulohumeral dystrophy myoblasts efficiently repair moderate levels of oxidative DNA damage. <i>Histochemistry and Cell Biology</i> , 2016 , 145, 475-83	2.4	14
104	Functional roles of HIV-1 Tat protein in the nucleus. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 589-601	10.3	19
103	Uncoupling of oxidative phosphorylation and antioxidants affect fusion of primary human myoblasts in vitro. <i>Biopolymers and Cell</i> , 2016 , 32, 111-117	0.3	5
102	Intranuclear localization of transcription factories and immunoglobulin heavy chain gene alleles during human B-cell maturation. <i>Biopolymers and Cell</i> , 2016 , 32, 179-183	0.3	1
101	Dux4 controls migration of mesenchymal stem cells through the Cxcr4-Sdf1 axis. <i>Oncotarget</i> , 2016 , 7, 65090-65108	3.3	15
100	Topologically-associating domains: gene warehouses adapted to serve transcriptional regulation. <i>Transcription</i> , 2016 , 7, 84-90	4.8	11
99	Temozolomide promotes genomic and phenotypic changes in glioblastoma cells. <i>Cancer Cell International</i> , 2016 , 16, 36	6.4	34
98	DUX4-induced constitutive DNA damage and oxidative stress contribute to aberrant differentiation of myoblasts from FSHD patients. <i>Free Radical Biology and Medicine</i> , 2016 , 99, 244-258	7.8	47
97	Genome- and Cell-Based Strategies in Therapy of Muscular Dystrophies. <i>Biochemistry (Moscow)</i> , 2016 , 81, 678-90	2.9	3
96	Eukaryotic enhancers: common features, regulation, and participation in diseases. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 2361-75	10.3	31
95	Step-wise and punctuated genome evolution drive phenotype changes of tumor cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015 , 771, 56-69	3.3	22
94	Histone deacetylase inhibitors and epigenetic regulation in lymphoid malignancies. <i>Investigational New Drugs</i> , 2015 , 33, 1280-91	4.3	1
93	Nuclear localization of translocation partners in differentiating B-cells. <i>Doklady Biochemistry and Biophysics</i> , 2015 , 464, 312-4	0.8	1

92	Epigenetic modifications, chromatin distribution and TP53 transcription in a model of breast cancer progression. <i>Journal of Cellular Biochemistry</i> , 2015 , 116, 533-41	4.7	7
91	Cisplatin treatment of C6 rat glioma in vivo did not influence copy number alterations and growth pattern of tumor-derived resistant cells. <i>Biopolymers and Cell</i> , 2015 , 31, 209-217	0.3	
90	A requiem to the nuclear matrix: from a controversial concept to 3D organization of the nucleus. <i>Chromosoma</i> , 2014 , 123, 217-24	2.8	33
89	Nuclear matrix and structural and functional compartmentalization of the eucaryotic cell nucleus. <i>Biochemistry (Moscow)</i> , 2014 , 79, 608-18	2.9	8
88	DNA polymorphism and epigenetic marks modulate the affinity of a scaffold/matrix attachment region to the nuclear matrix. <i>European Journal of Human Genetics</i> , 2014 , 22, 1117-23	5.3	14
87	Bradykinin antagonists and thiazolidinone derivatives as new potential anti-cancer compounds. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 3815-23	3.4	21
86	Dynamics of double strand breaks and chromosomal translocations. <i>Molecular Cancer</i> , 2014 , 13, 249	42.1	33
85	Evolution of H and E globin genes and their regulatory systems in light of the hypothesis of domain organization of the genome. <i>Biochemistry (Moscow)</i> , 2014 , 79, 1141-50	2.9	1
84	Translocations affecting human immunoglobulin heavy chain locus. <i>Biopolymers and Cell</i> , 2014 , 30, 90-95	0.3	3
83	Cancer-related genes in the transcription signature of facioscapulohumeral dystrophy myoblasts and myotubes. <i>Journal of Cellular and Molecular Medicine</i> , 2014 , 18, 208-17	5.6	10
82	Structure and function of oncogene-transfected immortal cells. <i>Biopolymers and Cell</i> , 2014 , 30, 25-28	0.3	
81	Perinucleolar relocation and nucleolin as crucial events in the transcriptional activation of key genes in mantle cell lymphoma. <i>Blood</i> , 2014 , 123, 2044-53	2.2	30
80	Growth suppression activity of bradykinin antagonists in glioma cells. <i>Biopolymers and Cell</i> , 2014 , 30, 77-79	0.3	1
79	Russian science: academy reform needs a reality check. <i>Nature</i> , 2013 , 499, 284	50.4	1
78	miR-205 is involved in metastatic potential of 21T series, a breast cancer progression model. <i>BMC Proceedings</i> , 2013 , 7,	2.3	78
77	Antagonistic functional duality of cancer genes. <i>Gene</i> , 2013 , 529, 199-207	3.8	36
76	Defective regulation of microRNA target genes in myoblasts from facioscapulohumeral dystrophy patients. <i>Journal of Biological Chemistry</i> , 2013 , 288, 34989-5002	5.4	46
75	MiR-34a is up-regulated in response to low dose, low energy X-ray induced DNA damage in breast cells. <i>Radiation Oncology</i> , 2013 , 8, 231	4.2	38

74	Simultaneous miRNA and mRNA transcriptome profiling of human myoblasts reveals a novel set of myogenic differentiation-associated miRNAs and their target genes. <i>BMC Genomics</i> , 2013 , 14, 265	4.5	64
73	Differences in transcription patterns between induced pluripotent stem cells produced from the same germ layer are erased upon differentiation. <i>PLoS ONE</i> , 2013 , 8, e53033	3.7	1
72	Functional muscle impairment in facioscapulohumeral muscular dystrophy is correlated with oxidative stress and mitochondrial dysfunction. <i>Free Radical Biology and Medicine</i> , 2012 , 53, 1068-79	7.8	73
71	Tightly bound to DNA proteins: possible universal substrates for intranuclear processes. <i>Gene</i> , 2012 , 492, 54-64	3.8	6
70	Distinct distribution of ectopically expressed histone variants H2A.Bbd and MacroH2A in open and closed chromatin domains. <i>PLoS ONE</i> , 2012 , 7, e47157	3.7	15
69	HIV: implication in Burkitt lymphoma.. <i>Biopolymers and Cell</i> , 2012 , 28, 285-287	0.3	3
68	Ring-like distribution of constitutive heterochromatin in bovine senescent cells. <i>PLoS ONE</i> , 2011 , 6, e26844	3.4	5
67	The Krüppel-like factor 15 as a molecular link between myogenic factors and a chromosome 4q transcriptional enhancer implicated in facioscapulohumeral dystrophy. <i>Journal of Biological Chemistry</i> , 2011 , 286, 44620-31	5.4	20
66	Loop domain organization of the p53 locus in normal and breast cancer cells correlates with the transcriptional status of the TP53 and the neighboring genes. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 2072-81	4.7	5
65	Transcription factories in the context of the nuclear and genome organization. <i>Nucleic Acids Research</i> , 2011 , 39, 9085-92	20.1	46
64	FSHD myoblasts fail to downregulate intermediate filament protein vimentin during myogenic differentiation. <i>Biopolymers and Cell</i> , 2011 , 27, 359-363	0.3	3
63	Treatment of lymphoid cells with the topoisomerase II poison etoposide leads to an increased juxtaposition of AML1 and ETO genes on the surface of nucleoli. <i>Biopolymers and Cell</i> , 2011 , 27, 398-403	0.3	2
62	Proteins tightly bound to DNA: new data and old problems. <i>Biochemistry (Moscow)</i> , 2010 , 75, 1240-51	2.9	4
61	Basic science in Russia under threat. <i>Nature</i> , 2010 , 467, 789	50.4	
60	The epigenetic landscape of mammary gland development and functional differentiation. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2010 , 15, 85-100	2.4	75
59	Myoblasts from affected and non-affected FSHD muscles exhibit morphological differentiation defects. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 275-89	5.6	90
58	High resolution genome-wide analysis of chromosomal alterations in Burkitt's lymphoma. <i>PLoS ONE</i> , 2009 , 4, e7089	3.7	53
57	Development-dependent changes in the tight DNA-protein complexes of barley on chromosome and gene level. <i>BMC Plant Biology</i> , 2009 , 9, 56	5.3	4

56	In embryonic chicken erythrocytes actively transcribed alpha globin genes are not associated with the nuclear matrix. <i>Journal of Cellular Biochemistry</i> , 2009 , 106, 170-8	4.7	10
55	Analysis of telomeric DNA: Current approaches and methods. <i>Russian Journal of Developmental Biology</i> , 2009 , 40, 125-144	0.8	4
54	Pearls in the junk: dissecting the molecular pathogenesis of facioscapulohumeral muscular dystrophy. <i>Neuromuscular Disorders</i> , 2009 , 19, 17-20	2.9	28
53	Early replication timing of the chicken alpha-globin gene domain correlates with its open chromatin state in cells of different lineages. <i>Genomics</i> , 2009 , 93, 481-6	4.3	11
52	Interaction in vivo between the two matrix attachment regions flanking a single chromatin loop. <i>Journal of Molecular Biology</i> , 2009 , 386, 929-37	6.5	17
51	Chromosome conformation capture (from 3C to 5C) and its ChIP-based modification. <i>Methods in Molecular Biology</i> , 2009 , 567, 171-88	1.4	63
50	MARs Wars: heterogeneity and clustering of DNA-binding domains in the nuclear matrix. <i>Biopolymers and Cell</i> , 2009 , 25, 451-456	0.3	
49	A set of vectors for introduction of antibiotic resistance genes by in vitro Cre-mediated recombination. <i>BMC Research Notes</i> , 2008 , 1, 135	2.3	2
48	Transcription- and apoptosis-dependent long-range distribution of tight DNA-protein complexes in the chicken alpha-globin gene. <i>DNA and Cell Biology</i> , 2008 , 27, 615-21	3.6	4
47	A functional role for 4qA/B in the structural rearrangement of the 4q35 region and in the regulation of FRG1 and ANT1 in facioscapulohumeral dystrophy. <i>PLoS ONE</i> , 2008 , 3, e3389	3.7	38
46	A nuclear matrix attachment site in the 4q35 locus has an enhancer-blocking activity in vivo: implications for the facio-scapulo-humeral dystrophy. <i>Genome Research</i> , 2008 , 18, 39-45	9.7	57
45	Determination of the chromatin domain structure in arrayed repeat regions: organization of the somatic 5S RNA domain during embryogenesis in <i>Xenopus laevis</i> . <i>Journal of Cellular Biochemistry</i> , 2007 , 102, 1140-8	4.7	4
44	Selective matrix attachment regions in T helper cell subsets support loop conformation in the <i>Ifng</i> gene. <i>Genes and Immunity</i> , 2007 , 8, 35-43	4.4	15
43	Chromatin domains and regulation of transcription. <i>Journal of Molecular Biology</i> , 2007 , 369, 597-607	6.5	61
42	Recruitment of RNA polymerase II in the <i>Ifng</i> gene promoter correlates with the nuclear matrix association in activated T helper cells. <i>Journal of Molecular Biology</i> , 2007 , 371, 317-22	6.5	4
41	An unusual extended DNA loop attachment region is located in the human dystrophin gene. <i>Journal of Cellular Physiology</i> , 2006 , 209, 515-21	7	4
40	Chromatin loop domain organization within the 4q35 locus in facioscapulohumeral dystrophy patients versus normal human myoblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 6982-7	11.5	72
39	Mitotic remodeling of the replicon and chromosome structure. <i>Cell</i> , 2005 , 123, 787-801	56.2	158

38	The upstream area of the chicken alpha-globin gene domain is transcribed in both directions in the same cells. <i>FEBS Letters</i> , 2005 , 579, 4746-50	3.8	6
37	Mapping long-range chromatin organization within the chicken alpha-globin gene domain using oligonucleotide DNA arrays. <i>Genomics</i> , 2005 , 85, 143-51	4.3	22
36	Increased levels of adenine nucleotide translocator 1 protein and response to oxidative stress are early events in facioscapulohumeral muscular dystrophy muscle. <i>Journal of Molecular Medicine</i> , 2005 , 83, 216-24	5.5	81
35	Spatial Organization of the Chicken β -Globin Gene Domain in Cells of Different Origins. <i>Molecular Biology</i> , 2005 , 39, 851-856	1.2	
34	Effect of DNA loop anchorage regions (LARs) and microinjection timing on expression of beta-galactosidase gene injected into one-cell rabbit embryos. <i>Journal of Cellular Biochemistry</i> , 2004 , 92, 1171-9	4.7	1
33	DNA replication initiates at domains overlapping with nuclear matrix attachment regions in the xenopus and mouse c-myc promoter. <i>Gene</i> , 2004 , 332, 129-38	3.8	36
32	Chromatin Domains and Territories: Flexibly Rigid. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2004 , 14, 79-88	1.3	13
31	Chromatin domains and territories: flexibly rigid. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2004 , 14, 79-88	1.3	5
30	Attachment of DNA Loops to an Artificial Matrix Does Not Affect the Replication Origin Specificity in Early Development of <i>Xenopus laevis</i> . <i>Russian Journal of Developmental Biology</i> , 2003 , 34, 213-217	0.8	
29	Genetics and Epigenetics of Progressive Facioscapulohumeral (LandouzyDejerine) Muscular Dystrophy. <i>Russian Journal of Genetics</i> , 2003 , 39, 147-151	0.6	
28	Chromatin remodelling and DNA replication: from nucleosomes to loop domains. <i>Oncogene</i> , 2001 , 20, 3086-93	9.2	48
27	Analysis of the chicken DNA fragments that contain structural sites of attachment to the nuclear matrix: DNA-matrix interactions and replication. <i>Journal of Cellular Biochemistry</i> , 2000 , 79, 1-14	4.7	7
26	Rearrangement of chromatin domains in cancer and development. <i>Journal of Cellular Biochemistry</i> , 2000 , Suppl 35, 54-60	4.7	14
25	Specification of Chromatin Domains and Regulation of Replication and Transcription During Development. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2000 , 10, 8	1.3	16
24	Rearrangement of chromatin domains during development in <i>Xenopus</i> . <i>Genes and Development</i> , 2000 , 14, 1541-1552	12.6	42
23	Rearrangement of chromatin domains in cancer and development. <i>Journal of Cellular Biochemistry</i> , 2000 , 79, 54-60	4.7	1
22	T-antigen interactions with chromatin and p53 during the cell cycle in extracts from <i>Xenopus</i> eggs. <i>Journal of Cellular Biochemistry</i> , 1999 , 75, 288-299	4.7	2
21	Control of gene expression in <i>Xenopus</i> early development. <i>Genesis</i> , 1998 , 22, 122-31		20

20	Ectopic expression of inactive forms of yeast DNA topoisomerase II confers resistance to the anti-tumour drug, etoposide. <i>British Journal of Cancer</i> , 1996 , 73, 1201-9	8.7	24
19	Nuclear matrix-associated DNA fragments enhance autonomous replication of plasmids in chicken cells. <i>Biochimie</i> , 1995 , 77, 880-7	4.6	2
18	DNA topoisomerase II mutations and resistance to anti-tumor drugs. <i>BioEssays</i> , 1995 , 17, 767-74	4.1	66
17	Topoisomerase II forms multimers in vitro: effects of metals, beta-glycerophosphate, and phosphorylation of its C-terminal domain. <i>Molecular and Cellular Biology</i> , 1994 , 14, 6962-74	4.8	51
16	Topoisomerase II forms multimers in vitro: effects of metals, beta-glycerophosphate, and phosphorylation of its C-terminal domain. <i>Molecular and Cellular Biology</i> , 1994 , 14, 6962-6974	4.8	14
15	The sequence-specific nuclear matrix binding factor F6 is a chicken GATA-like protein. <i>Molecular Genetics and Genomics</i> , 1993 , 238, 309-14		14
14	A transcription-dependent DNase I-hypersensitive site in a far upstream segment of the chicken alpha-globin gene domain coincides with a matrix attachment region. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 184, 1226-34	3.4	18
13	Domain organization of eukaryotic genome. <i>Cell Biology International Reports</i> , 1992 , 16, 697-708		16
12	A. E. Braunstein Plenary Lecture. Nuclear skeleton, DNA domains and control of replication and transcription. <i>FEBS Journal</i> , 1991 , 200, 613-24		37
11	Nuclear matrix attachment regions and topoisomerase II binding and reaction sites in the vicinity of a chicken DNA replication origin. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 177, 265-70	3.4	47
10	The presence of sequence-specific protein binding sites correlate with replication activity and matrix binding in a 1.7 Kb-long DNA fragment of the chicken alpha-globin gene domain. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 179, 512-9	3.4	13
9	Transcriptional enhancer in the vicinity of a replication origin within the 5S region of the chicken alpha-globin gene domain. <i>Journal of Molecular Biology</i> , 1991 , 217, 595-8	6.5	14
8	Nuclear skeleton, DNA domains and control of replication and transcription 1991 , 137-148		
7	Topoisomerase I is associated with the regulatory region of transcriptionally active SV 40 minichromosomes. <i>Molecular and Cellular Biochemistry</i> , 1990 , 95, 95-106	4.2	1
6	Characterization of DNA pattern in the site of permanent attachment to the nuclear matrix located in the vicinity of replication origin. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 168, 9-15	3.4	62
5	Characterization of the DNA Pattern in the Vicinity of a Replication Origin Located Upstream from the Domain of Chicken β Globin Genes 1990 , 377-382		
4	A Fragment of Chicken Nuclear Matrix-Associated DNA Can Maintain Autonomous Replication of Plasmids in Mammalian Cells 1990 , 345-350		
3	DNA fragments which specifically bind to isolated nuclear matrix in vitro interact with matrix-associated DNA topoisomerase II. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 159, 1263-8	3.4	11

2 The distribution of tightly bound proteins along the DNA chain reflects the type of cell differentiation. *Nucleic Acids Research*, **1988**, 16, 3617-33 20.1 22

1 Lung epithelial stem cells express SARS-CoV-2 entry factors: implications for COVID-19 2